

REMARKS

Claims 34-45 are currently active.

The Examiner has rejected Claims 40-43 as being anticipated by Hancock.

Applicants respectfully traverse this rejection.

Hancock teaches a lockable front wheel swivel for lawnmowers. Hancock teaches a front wheel axle assembly which can be selectively locked into a straight-ahead orientation during operation of the mower and by use of controls within the operator's reach during normal cutting operation of the mower. See column 1, lines 5-10. Hancock teaches there is a need to allow for selective locking of commercial-type, walk-behind or sulky-assisted lawnmower wheels during operation of lawn mowers on a slope, particularly a side slope, due to the tendency of such mowers to tend to turn down the hill when cutting on a side slope. See column 1, lines 14-21. Hancock teaches the object of the improved lawnmower is to have a selective swivel wheel locking mechanism which can be operated while the operator is in the typical mowing position. See column 1, lines 55-59.

Hancock teaches the use of a locking a bracket 20, which is pivotally mounted relative to the frame 30 of a lawn mower and serves to selectively lock the otherwise swiveling

action of a swivel wheel assembly 50 which includes a wheel 51, a wheel yoke 52, a swivel spindle 54 and a locking pin 56. See column 2, lines 20-30. Hancock teaches the frame 30 includes a hollow elongate sleeve 32 substantially tubular and includes a longitudinal axis which is substantially vertical when in its normal operating position. A swivel wheel assembly 50 is configured to swivel about the swiveling axis S relative to the frame 30, and includes a wheel 51, a wheel yoke 52, a swivel spindle 54 and a locking pin 56. The wheel 51 is mounted for rotation with yoke 52. The elongate switch cylindrical swivel spindle 54 is rigidly mounted to the top of the yoke 52. The locking pin 56 is visually attached to the top marginal end of the swivel spindle such that it forms a type of T at the top of the spindle 54. As a swivel wheel assembly 50 swivels about the swiveling access S relative to the frame 30, so does a locking pin 56 swivel. When unlocked, the swivel wheel assembly 50 is free to swivel 360 degrees.

Hancock teaches the pivoting locking bracket 20 is generally shaped in an inverted channel configuration, and defines 2 downwardly-oriented V-shaped notches which engage and contain the locking pin 56 in order to provide the locking function. The locking bracket 20 is pivotally mounted to the frame member 30 along a substantial horizontal axis which is normal to the plane of paper of figures 1 and 2 by means of a pivot pin 21.

A control cable 70 is used to control the pivoting motion of the pivoting locking bracket 20. The control cable includes a sheath fastened relative to the frame 30, and an internal cable extendable and retractable within the sleeve. Extension of the internal cable causes this engagement of the pivoting locking bracket 20 to the position shown in figure one and retraction of the internal cable causes an engagement of the pivoting locking bracket 20 to the position shown in figure 1.

Springs are used to provide desired spring bias on the pivoting locking bracket 20, to assist the extension or retraction as desired. By pulling back on the control handle 102, a locking bracket 20 can be placed in its unlocked position. By pushing forward, the locking bracket 20 can be moved into the locked position.

In regard to Claim 34, as amended, there is no teaching or suggestion whatsoever of a castor for luggage. As explained above, the castor taught by Hancock is for a lawn mower.

Furthermore, Claim 34, as amended, has the limitation of "said wheel and said castor frame being (i) freely rotatable about an axis of rotation about the rod generally perpendicular to an axis of rotation of said wheel mounted in said castor frame when said wheel bears against the surface in a first position and (ii) longitudinally movable by the rod to

automatically orient in a predetermined position different from the first position when said wheel is not bearing against said surface." As explained above, Hancock teaches specifically that the only way the different positions of any type can be obtained in regard to the lawn mower is by a manual operation of the user with the control cable. Furthermore, because of the nature of the lawn mower and what is desired to be achieved by Hancock, to avoid sliding by the lawn mower down a slope, the movement of the castor is controlled only in the longitudinal direction, but not in an additional perpendicular direction. Accordingly, Claim 34 is patentable over Hancock.

Claims 36-39 are dependent to parent Claim 34 and are patentable for the reasons Claim 34 is patentable.

Claim 40 is patentable for the reasons Claim 34 is patentable. Claims 41-45 are dependent to parent Claim 40 and are patentable for the reasons Claim 40 is patentable.

Claim 38 and Claim 44 have the limitation of a biasing means to one said wheel and said wheel or castor frame automatically into said predetermined position when said wheel is not bearing against said surface. Claims 38 and 44 are separately and independently patentable over the applied art of record because of this limitation which is not taught by Hancock.

The Examiner has rejected Claims 34-39, 44 and 45 as being unpatentable over Hancock. For the reasons explained above in regard to Claims 40-43; Claims 34-39, 44 and 45 are also not obvious from Hancock.

In view of the foregoing amendments and remarks, it is respectfully requested that the outstanding rejections and objections to this application be reconsidered and withdrawn, and Claims 34-45, now in this application be allowed.

Respectfully submitted,

PAOLO M.B. TIRAMANI, ET AL.

By 

Ansel M. Schwartz, Esquire
Reg. No. 30,587
One Sterling Plaza
201 N. Craig Street
Suite 304
Pittsburgh, PA 15213
(412) 621-9222

Attorney for Applicants

